

10/534240

Docket No. : **HM-621PCT**
U.S. Application No. :
International Application No. : **PCT/EP03/10760**
International Filing Date. : **September 26, 2003**
Priority Date Claimed : **November 8, 2002**
Title of Invention : **VESSEL FOR THE METALLURGICAL TREATMENT OF PIG IRON,
STEEL MELTS AND SIMILAR, IN PARTICULAR A CONVERTER VESSEL**
Applicant(s) for (DO/EO/US) : **Bernd Schubert and Winfried Laubach**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures 35 U.S.C. 371 (f) at any time rather than delay examination until the expiration of the applicable time limit set forth in 35 U.S.C 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed [35 U.S.C. 371(c)(2)].
 - a) ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b) ☐ has been transmitted by the international Bureau.
 - c) ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English [35 U.S.C.371(c)(2)].
7. ☐ Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C.371(c)(3)].
 - a) ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b) ☐ have been transmitted by the International Bureau.
 - c) ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d) ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 [35 U.S.C.371(c)(3)].
9. ☒ An oath or declaration of the inventor(s) [35 U.S.C.371(c)(4)]. **UNSIGNED**
10. ☒ A translation of the International Preliminary Examination Report.

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 198.
12. ☐ An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ (other items or information) Four sheets of drawings, PTO-1449 w/ 6 references and International Search Report

EXPRESS MAIL No.: EV 635 866 137 US Deposited: May 6, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Friedrich Kueffner

May 6, 2005
Date

JC17 Rec'd PCT/PTO 06 MAY 2005

17. X The following fees are submitted:

BASIC NATIONAL FEE [37 CFR 1.492(a)(1)-(5)]:

- X Search Report has been prepared by the EPO or JPO..... \$ 1,000.00
— International preliminary examination fee paid to USPTO [37 CFR 1.482]..... \$
— No International preliminary examination fee paid to USPTO [37 CFR 1.482]
but International search fee paid to USPTO [37 CFR 1.445(a)(2)]..... \$
— Neither International preliminary examination fee [37 CFR 1.482] nor
International search fee [37 CFR 1.445(a)(2)] paid to USPTO..... \$
— International preliminary examination fee paid to USPTO [37 CFR 1.482]
and all claims satisfied provisions of PCT Article 33 (2) to (4)..... \$

ENTER APPROPRIATE BASIC FEE AMOUNT: \$ 1000.00

Surcharge of \$ 130.00 for furnishing the oath or declaration later than 20 30 months
from the earliest claimed priority date [37 CFR 1.492(e)]..... \$

| Claims | filed | Extra | Rate |
|---|-------|-------|---------------|
| Total Claims | 12 | -20= | x \$ 50. = \$ |
| Indep. Claims | 1 | - 3= | x \$200. = \$ |
| () Multiple Dependent Claim Presented? | | | x \$360. = \$ |

TOTAL OF ABOVE CALCULATIONS: \$ 1000.00

Small Entity Status is being claimed (divided by 2) \$

SUBTOTAL: \$ 1000.00

Processing fee of \$ 130.00 for furnishing the English Translation later than 20 30 months
from the earliest claimed priority date [37 CFR 1.492(f)]..... \$

TOTAL NATIONAL FEE: \$ 1000.00

Fee for recording the enclosed assignment [37 CFR 1.21(h)] The assignment must be
accompanied by an appropriate cover sheet [37 CFR 3.28.3.31]. \$ 40.00 per property \$

TOTAL FEE ENCLOSED: \$ 1000.00

AMOUNT TO BE REFUNDED: \$ Refunded

AMOUNT TO BE CHARGED: \$ Charged

- a) X A check in the amount of \$ 1,000.00 to cover the above fees is enclosed.
b) — Please charge my Deposit Account No. 11-1835 in the amount of \$ to cover the above fees.
A duplicate copy of this sheet is enclosed.
c) X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 11-1835. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must
be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Friedrich Kueffner
317 Madison Avenue
Suite 910
New York, NY 10017

Friedrich Kueffner
Name

Signature

29,482
Reg. No.

May 6, 2005
Date

CUSTOMER NUMBER: 00040570